

# PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2001-119656

(43)Date of publication of application : 27.04.2001

(51)Int.Cl.

H04N 5/7826  
G11B 15/02  
H04N 7/025  
H04N 7/03  
H04N 7/035  
H04N 7/16

(21)Application number : 11-300733

(71)Applicant : SONY CORP

(22)Date of filing : 22.10.1999

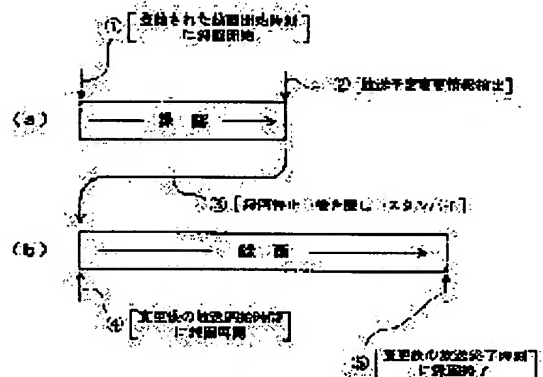
(72)Inventor : IIMURA TOSHIKI

## (54) RECORDER, TRANSMITTER AND TRANSMISSION/RECEPTION SYSTEM

### (57)Abstract:

**PROBLEM TO BE SOLVED:** To enable a user to record a desired program starting from the beginning to the end, even when a program broadcast schedule is temporarily revised while video recording has already been started, depending on contents of a reserved video recording setting having already been registered.

**SOLUTION:** For example, a program broadcast time is extended, a broadcast station transmits program schedule revision information, denoting a revision of program broadcast schedule due to this extension. When a VTR receives and detects the program schedule revision information during the operation reserved for video recording, the VTR stops the recording and rewinds a tape. The VTR restarts video recording, in matching with the revised broadcast start time and completes the video recording at the revised broadcast end time. That is, the VTR automatically revises the reserved video recording, so that the program to be recorded can properly be recorded according to the reserved video recording setting registered in advance by the user and along the revised broadcast start and end times.



## LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision  
of rejection]

[Date of requesting appeal against examiner's  
decision of rejection]

[Date of extinction of right]

Copyright (C); 1998,2003 Japan Patent Office

JAPANESE

[JP,3071923,U]

---

CLAIMS DETAILED DESCRIPTION TECHNICAL FIELD PRIOR ART EFFECT OF THE  
INVENTION TECHNICAL PROBLEM MEANS OPERATION EXAMPLE DESCRIPTION OF  
DRAWINGS DRAWINGS

---

[Translation done.]

**\* NOTICES \***

Japan Patent Office is not responsible for any damages caused by the use of this translation.

- 1.This document has been translated by computer. So the translation may not reflect the original precisely.
- 2.\*\*\*\* shows the word which can not be translated.
- 3.In the drawings, any words are not translated.

---

**CLAIMS**

---

[Utility model registration claim]

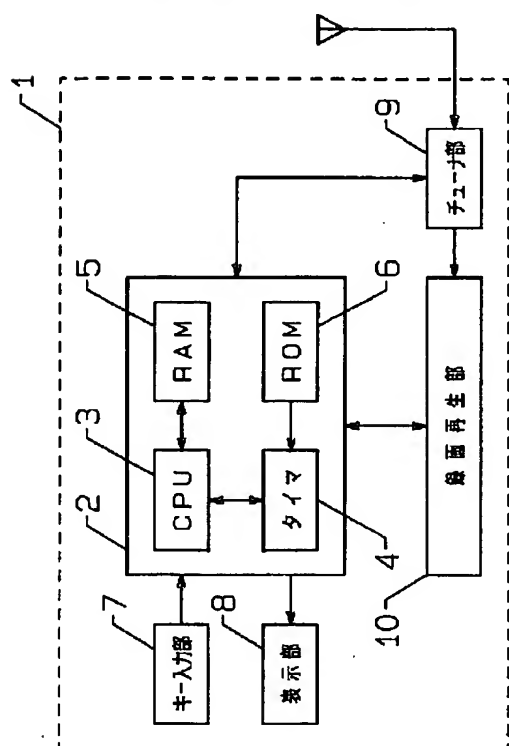
[Claim 1] An input means to input the shift time which corrects the contents of timer reservation in the videotape-recording equipment which sets up a videotape-recording start time and a videotape-recording finish time, and carries out timer reservation videotape recording, A timer correction means to correct the contents of timer reservation by the inputted shift time, The VISS signal which wrote in the VISS signal and was written in videotape at the time of a videotape-recording start is searched. Time required to rewind the 1st control means which pull out the head by rewinding videotape, and the videotape-recording portion of videotape is computed. A comparison means by which the corrected videotape-recording start time compares and judges whether it is back [ time / which added time required to rewind the videotape-recording portion of the videotape recorded by the above-mentioned reservation videotape-recording execution on videotape at the present time ], or it is a front, When it judges that the contents of timer reservation are corrected during reservation videotape-recording execution, and the aforementioned comparison means is the back, Stop the above-mentioned reservation videotape recording and the VISS signal written in videotape at the time of the above-mentioned reservation videotape-recording start is searched. The head is pulled out by rewinding the videotape-recording portion of the videotape recorded by execution of the above-mentioned reservation videotape recording on videotape. Timer reservation videotape-recording equipment characterized by having the 2nd control means which shift a videotape-recording start time and a videotape-recording finish time, correct the contents of timer reservation, and carry out timer reservation videotape recording based on the contents of timer reservation of the videotape-recording start time and videotape-recording finish time which were corrected.

[Claim 2] The timer reservation videotape-recording equipment according to claim 1 the contents of timer reservation are corrected during reservation videotape-recording execution, continue the videotape recording under reservation videotape-recording execution, shift only a videotape-recording finish time when it judges that the aforementioned comparison means is a front, correct the contents of timer reservation, and carry out having had the 3rd control means carry out timer reservation videotape recording based on the contents of timer reservation of the corrected videotape-recording finish time as the feature.

[Claim 3] Timer reservation videotape-recording equipment according to claim 1 which shifts a videotape-recording start time and a videotape-recording finish time, corrects the contents of timer reservation, and is characterized by having the 4th control means which carry out timer reservation videotape recording based on the contents of timer reservation of the videotape-recording start time and videotape-recording finish time which were corrected when the contents of timer reservation are corrected before reservation videotape-recording execution.

---

[Translation done.]



[Translation done.]